

PCT09

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/856,199

DATE: 10/11/2001  
 TIME: 09:53:19

Input Set : A:\0020-4867P.ST25.txt  
 Output Set: N:\CRF3\10112001\I856199.raw

ENTERED

3 <110> APPLICANT: HIRASHIMA, Masaki et al.  
 5 <120> TITLE OF INVENTION: PEPTIDE FRAGMENTS HAVING CELL DEATH-INHIBITORY ACTIVITY  
 7 <130> FILE REFERENCE: 0020-4867P  
 9 <140> CURRENT APPLICATION NUMBER: 09/856,199  
 10 <141> CURRENT FILING DATE: 2001-05-18  
 12 <160> NUMBER OF SEQ ID NOS: 7  
 14 <170> SOFTWARE: PatentIn version 3.1  
 16 <210> SEQ ID NO: 1  
 17 <211> LENGTH: 29  
 18 <212> TYPE: PRT  
 19 <213> ORGANISM: Human plasma  
 21 <220> FEATURE:  
 22 <221> NAME/KEY: misc\_feature  
 23 <222> LOCATION: (1)..(29)  
 24 <223> OTHER INFORMATION: Xaa represents selenocysteine  
 27 <400> SEQUENCE: 1  
 29 Lys Arg Cys Ile Asn Gln Leu Leu Cys Lys Leu Pro Thr Asp Ser Glu  
 30 1 5 10 15  
 W--> 33 Leu Ala Pro Arg Ser Xaa Cys Cys His Cys Arg His Leu OK  
 34 20 25  
 37 <210> SEQ ID NO: 2  
 38 <211> LENGTH: 28  
 39 <212> TYPE: PRT  
 40 <213> ORGANISM: Human plasma  
 42 <220> FEATURE:  
 43 <221> NAME/KEY: misc\_feature  
 44 <222> LOCATION: (1)..(28)  
 45 <223> OTHER INFORMATION: Xaa represents selenocysteine  
 48 <400> SEQUENCE: 2  
 W--> 50 Thr Gly Ser Ala Ile Thr Xaa Gln Cys Lys Glu Asn Leu Pro Ser Leu  
 51 1 5 10 15  
 W--> 54 Cys Ser Xaa Gln Gly Leu Arg Ala Glu Glu Asn Ile OK  
 55 20 25  
 58 <210> SEQ ID NO: 3  
 59 <211> LENGTH: 103  
 60 <212> TYPE: PRT  
 61 <213> ORGANISM: Human plasma  
 63 <220> FEATURE:  
 64 <221> NAME/KEY: misc\_feature  
 65 <222> LOCATION: (1)..(103)  
 66 <223> OTHER INFORMATION: Xaa represents selenocysteine  
 69 <400> SEQUENCE: 3  
 71 Lys Arg Cys Ile Asn Gln Leu Leu Cys Lys Leu Pro Thr Asp Ser Glu  
 72 1 5 10 15  
 W--> 75 Leu Ala Pro Arg Ser Xaa Cys Cys His Cys Arg His Leu Ile Phe Glu OK  
 76 20 25 30  
 W--> 79 Lys Thr Gly Ser Ala Ile Thr Xaa Gln Cys Lys Glu Asn Leu Pro Ser

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      80          35          40          45
W--> 83 Leu Cys Ser Xaa Gln Gly Leu Arg Ala Glu Glu Asn Ile Thr Glu Ser
      84          50          55          60
W--> 87 Cys Gln Xaa Arg Leu Pro Pro Ala Ala Xaa Gln Ile Ser Gln Gln Leu
      88 65          70          75          80
W--> 91 Ile Pro Thr Glu Ala Ser Ala Ser Xaa Arg Xaa Lys Asn Gln Ala Lys
      92          85          90          95
W--> 95 Lys Xaa Glu Xaa Pro Ser Asn
      96          100
      99 <210> SEQ ID NO: 4
      100 <211> LENGTH: 20
      101 <212> TYPE: PRT
      102 <213> ORGANISM: Human plasma
      104 <400> SEQUENCE: 4
      106 Lys Arg Cys Ile Asn Gln Leu Leu Cys Lys Leu Pro Thr Asp Ser Glu
      107 1          5          10          15
      110 Leu Ala Pro Arg
      111          20
      114 <210> SEQ ID NO: 5
      115 <211> LENGTH: 21
      116 <212> TYPE: PRT
      117 <213> ORGANISM: Human plasma
      119 <400> SEQUENCE: 5
      121 Lys Arg Cys Ile Asn Gln Leu Leu Cys Lys Leu Pro Thr Asp Ser Glu
      122 1          5          10          15
      125 Leu Ala Pro Arg Ser
      126          20
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      130 <211> LENGTH: 381
      131 <212> TYPE: PRT
      132 <213> ORGANISM: Human plasma
      134 <220> FEATURE:
      135 <221> NAME/KEY: misc_feature
      136 <222> LOCATION: (1)..(381)
      137 <223> OTHER INFORMATION: Xaa represents selenocysteine
      140 <220> FEATURE:
      141 <221> NAME/KEY: SIGNAL
      142 <222> LOCATION: (1)..(19)
      143 <223> OTHER INFORMATION: Signal sequence
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      148 Met Trp Arg Ser Leu Gly Leu Ala Leu Ala Leu Cys Leu Leu Pro Ser
      149 1          5          10          15
      152 Gly Gly Thr Glu Ser Gln Asp Gln Ser Ser Leu Cys Lys Gln Pro Pro
      153          20          25          30
      156 Ala Trp Ser Ile Arg Asp Gln Asp Pro Met Leu Asn Ser Asn Gly Ser
      157          35          40          45
W--> 160 Val Thr Val Val Ala Leu Leu Gln Ala Ser Xaa Tyr Leu Cys Ile Ile
      161          50          55          60
      164 Glu Ala Ser Lys Leu Glu Asp Leu Arg Val Lys Leu Lys Lys Glu Gly

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165 65          70          75          80
168 Tyr Ser Asn Ile Ser Tyr Ile Val Val Asn His Gln Gly Ile Ser Ser
169          85          90          95
172 Arg Leu Lys Tyr Thr His Leu Lys Asn Lys Val Ser Glu His Ile Pro
173          100          105          110
176 Val Tyr Gln Gln Glu Glu Asn Gln Thr Asp Val Trp Thr Leu Leu Asn
177          115          120          125
180 Gly Ser Lys Asp Asp Phe Leu Ile Tyr Asp Arg Cys Gly Arg Leu Val
181          130          135          140
184 Tyr His Leu Gly Leu Pro Phe Ser Phe Leu Thr Phe Pro Tyr Val Glu
185 145          150          155          160
188 Glu Ala Ile Lys Ile Ala Tyr Cys Glu Lys Lys Cys Gly Asn Cys Ser
189          165          170          175
192 Leu Thr Thr Leu Lys Asp Glu Asp Phe Cys Lys Arg Val Ser Leu Ala
193          180          185          190
196 Thr Val Asp Lys Thr Val Glu Thr Pro Ser Pro His Tyr His His Glu
197          195          200          205
200 His His His Asn His Gly His Gln His Leu Gly Ser Ser Glu Leu Ser
201          210          215          220
204 Glu Asn Gln Gln Pro Gly Ala Pro Asn Ala Pro Thr His Pro Ala Pro
205 225          230          235          240
208 Pro Gly Leu His His His His Lys His Lys Gly Gln His Arg Gln Gly
209          245          250          255
212 His Pro Glu Asn Arg Asp Met Pro Ala Ser Glu Asp Leu Gln Asp Leu
213          260          265          270
216 Gln Lys Lys Leu Cys Arg Lys Arg Cys Ile Asn Gln Leu Leu Cys Lys
217          275          280          285
W--> 220 Leu Pro Thr Asp Ser Glu Leu Ala Pro Arg Ser Xaa Cys Cys His Cys
221          290          295          300
W--> 224 Arg His Leu Ile Phe Glu Lys Thr Gly Ser Ala Ile Thr Xaa Gln Cys
225 305          310          315          320
W--> 228 Lys Glu Asn Leu Pro Ser Leu Cys Ser Xaa Gln Gly Leu Arg Ala Glu
229          325          330          335
W--> 232 Glu Asn Ile Thr Glu Ser Cys Gln Xaa Arg Leu Pro Pro Ala Ala Xaa
233          340          345          350
W--> 236 Gln Ile Ser Gln Gln Leu Ile Pro Thr Glu Ala Ser Ala Ser Xaa Arg
237          355          360          365
W--> 240 Xaa Lys Asn Gln Ala Lys Lys Xaa Glu Xaa Pro Ser Asn OK
241          370          375          380
244 <210> SEQ ID NO: 7
245 <211> LENGTH: 20
246 <212> TYPE: PRT
247 <213> ORGANISM: Human plasma
249 <220> FEATURE:
250 <221> NAME/KEY: misc_feature
251 <222> LOCATION: (1)..(20) OK
252 <223> OTHER INFORMATION: Xaa represents selenocysteine
255 <400> SEQUENCE: 7
W--> 257 Thr Gly Ser Ala Ile Thr Xaa Gln Cys Lys Glu Asn Leu Pro Ser Leu

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258	1			5		10		15
W-->	261	Cys	Ser	Xaa	Gln			
	262			20				

OK

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## VERIFICATION SUMMARY

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Input Set : A:\0020-4867P.ST25.txt

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L:33 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1  
L:50 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2  
L:54 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2  
L:75 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
L:79 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
L:83 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
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L:95 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
L:160 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
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L:224 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:228 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:232 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
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L:240 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:257 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7  
L:261 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7